



United States Environmental Protection Agency Organization Assessment of Performance

1. Organization: Region 5, Air and Radiation Division
Year: 2017

2. Fiscal

3. Key Events/Issues/Challenges and Management Actions

- Developed national guidance for SO₂ implementation and coordinated designation activities as sub-lead for the nation.
- Issued 120-day letters to R5 states and 2 tribes for Round 3 SO₂ designations, proposing 6 areas as nonattainment.
- Redesignated 10 areas to attainment of health-based air quality standards for lead, ozone, and particulate matter.
- Renewed the expired Title V permit for the Veolia hazardous waste incinerator in Sauget, Illinois, fulfilling federal legal obligations under a 2006 court ruling.
- Concluded CAA enforcement actions that will reduce over xx.x million lbs/yr of emissions, resulting in an estimated x,xxx lost work days prevented and xx emergency room visits avoided.
- Obtained over \$87.5 million in injunctive relief, representing over 77% of the costs of stationary source complying actions from the nation's air settlements.
- Secured an agreement via consent decree with S.H. Bell in East Liverpool, Ohio to reduce emissions, through physical changes and ambient monitoring, of the hazardous metal manganese that was causing an imminent and substantial endangerment to the community by exceeding ATSDR's chronic health-based standard.
- Settled violations at Maynard Steel Casting Company, at request of WDNR, which will reduce particulate matter and manganese by 560,000 lbs./yr. through control improvement. The settlement team developed a night-time opacity monitoring procedure using digital opacity cameras, the first monitoring requirement of its kind in the country.
- Protected children by identifying and removing asthma triggers at 25 schools and 33 childcare facilities in Milwaukee area, and by removing materials that appeared to contain asbestos and identifying indoor air quality issues at 4 schools in Gary, Indiana.

4. Performance Reporting

Measure area	Status	Explanation of performance results
OAR KPI: SIP revisions	Measure Met	<ul style="list-style-type: none"> • Published 32 SIPs, exceeding target of 22 by 45%. Achieved SIP backlog of 15 SIPs, the second-lowest backlog in the nation and approximately 4% of the national total.
CAS: Sustainability	NA	<ul style="list-style-type: none"> • Recruited 32 plants in R5, most notably 1 Atkore and 17 Fiat-Chrysler plants, for the ENERGY STAR Challenge for Industry. • Advanced citizen science by developing process for sensor loans and piloting program with Peggy Notebaert Nature Museum to study the impacts of PM, and receiving Regional Sustainability and Environmental Sciences grant for sensor pod loan trial to improve the success of citizen science collaborators.
CAS: Communities	NA	<ul style="list-style-type: none"> • Negotiated stipulated order with S.H. Bell in Chicago, IL (after the company failed to respond to an Information Request) that requires installation of ambient monitors that report data to EPA, which we then post on a site-specific public website. • Discovered industry-wide-level noncompliance with landfill regulations, and addressed substantial odor issues at Arbor Hills Landfill in Northville, MI by securing agreement with owner to install \$2 million in improvements to gas collection and control system.
CAS: Partnerships	NA	<ul style="list-style-type: none"> • Coordinated with IEPA to issue 5 of 13 long-delayed Title V permits for coal-fired power plants in Illinois. • Impacted 80 state-issued permits through permit review, and issued 9 federal permits. • Supported tribes by providing technical support, equipment loans, and consultation on important regulatory actions, and by granting Clean Air Act authorities to 2 tribes. • Settled CAA violations with Mesabi Nugget Delaware, via joint consent decree with MPCA, that required new controls on several emission units, resulting in controlled emissions of mercury from one of the largest mercury emitters in R5.

CAS: HPO	NA	<ul style="list-style-type: none">• Designed a follow-up questionnaire, as part of the ARD EVS Workgroup, to gain further insights in areas identified for improvement in ARD's Employee Viewpoint Survey results, and implemented recommendations.• Launched NEO2, ARD's new employee organization, to help new staff quickly become well-informed, productive members of the division, while fostering leadership, learning, networking, and volunteer opportunities.
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